

Recipe for Sugar Rocket

PVC Pipe centimeters)	5 inches (12.7
Cat Litter	
Powered Sugar ounces)	35 grams (1.235
Stump Remover ounces)	65 grams (2.3
Drill Bit millimeters)	7/32 inches (5.6
Fuse	
Small Stick feet) tall	About 1.5 meters (5
Large Stick your PVC)	(Thin enough to fit into
Tape	
Funnel	
Rubber Mallet	
Tupperware container	1

1. Mark your large stick like so:



2. Add Potassium Nitrate and Powdered Sugar into your tupperware and shake delicately for approx. 3 minutes. (We will refer to this mixture as white mix from now on.)

Note: This mixture is VERY DANGEROUS and should only be handled by people of older age.

3. Crush up a medium-sized amount of cat litter.
4. Place your PVC on a flat surface.
5. Drop in cat litter through the funnel.
6. Slide your large stick into the PVC and hit it with your rubber mallet firmly until it matches up with the "Clay" indicator on the large stick. This will compact the litter into a plug at the bottom.

Note: If you put too much cat litter or white mix, you can twist the large stick around to loosen up the compacted substance.

7. Add your white mix through the funnel.
8. Push your large stick slowly into the PVC so the white mix doesn't explode.
9. Once it's compacted by hand, Repeat the same thing we did for the cat litter, but with the "White Mix" indicator.
10. Drop in cat litter through the funnel.
11. Slide your large stick into the PVC and hit it with your rubber mallet firmly until it matches up with the "Clay" indicator on the large stick.
12. Take out your drill bit.
13. Gauge how far you'll drill with the large stick. Like so:

14. Mark the drill bit where it lines up with the "Clay" indicator.
15. Drill into the unfinished rocket, twisting the drill bit by hand very slowly as to not build up friction.
16. Keep drilling until the unfinished rocket meets the marking you've made.
17. Add the fuse to the hole you made.
18. Tape your finished rocket to your small stick.
19. Plant it in the ground.
20. Light the fuse and watch it soar!